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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/680,381

10/08/2003

Taizo Shirai

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22850

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EXAMINER

KAMAL, SHAHID

ART UNIT

PAPER NUMBER

3714

NOTIFICATION DATE

DELIVERY MODE

03/08/2010

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 10/680,381	<b>Applicant(s)</b> SHIRAI ET AL.	
	<b>Examiner</b> SHAHID KAMAL	<b>Art Unit</b> 3714	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 09 November 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-4, 6-24 and 34-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-24 and 34-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                       | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>02/17/2010</u> .  | 6) <input type="checkbox"/> Other: _____                          |

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## DETAILED ACTION

### *Acknowledgements*

1. Claims 1-4, 6-24 and 34-36 are remain pending and have been examined.
2. This Office Action is responsive to the amendment filed on April 10, 2008.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-4, 6-24 and 34-36 are rejected under 35 U.S.C. 102(e) as anticipated by Taki (US Pub. No. 2004/0098592 A1) (“Taki”).

5. Referring to claim 1, Taki discloses the following:

a) a communication unit (network/¶0051) for executing communication processing with a license storage device (content distribution server 150) storing rights information serving as usage rights information of contents (data/¶0002) associated with a user (user 110) of the information processing device, and communication processing with a contents distribution server (content distribution server 150) (see abstract, figure 15, ¶¶ 0002-0009);

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b) an encryption processing unit (content distribution server 150) for executing encryption processing including authentication processing in said communication processing (see abstract, figure 15, ¶¶ 0002-0009, 0091); and

c) a control unit (content distribution server 150) for executing processing control for inputting rights information corresponding to contents (data/¶0002) from said license storage device (content distribution server 150), via said communication unit (network/¶0051), transmitting said input rights information, which indicates rights to receive streaming contents, to said contents distribution server (content distribution server 150), and receiving streaming contents set corresponding to said transmission rights information from said contents distribution server (content distribution server 150) and playing or using said streaming contents (see abstract, figure 15, ¶¶ 0002-0023).

6. Referring to claim 2, Taki further discloses wherein said encryption processing unit has a configuration for executing verification processing for a tampering verification value attached to contents-corresponding rights information input from said license storage device (see abstract, figure 15, ¶¶ 0002-0023).

7. Referring to claim 3, Taki further discloses wherein said encryption processing unit executes mutual authentication with said license storage device (see abstract, figure 15, ¶¶ 0002-0009); and wherein said control unit has a configuration for executing input processing of contents-corresponding rights information input from said license storage device via said

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communication unit, with the establishment of said mutual verification as a precondition thereof (see abstract, figure 15, ¶¶ 0002-0023).

**8.**     Referring to claim 4, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said license storage device, and for executing verification processing for a tampering verification value attached to contents-corresponding rights information input from said license storage device via said communication unit, applying a key generated in said key-sharing processing (see ¶¶ 0002-0023).

**9.**     Referring to claim 6, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said contents distribution server, and for executing verification processing for a tampering verification value attached to a contents file from said contents distribution server via said communication unit, applying a key generated in said key-sharing processing (see figure 15, ¶¶ 0002-0023, 0091).

**10.**    Referring to claim 7, Taki discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said contents distribution server, and for executing decryption of an encrypted contents encryption processing key attached to a contents file from said contents distribution server via said communication unit, applying a key generated in said key-sharing processing (see abstract, figure 15, ¶¶ 0002-0023).

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**11.** Referring to claim 8, Taki further discloses wherein header information of a contents file received from said contents distribution server contains RHD check mode information setting whether or not to take connection with said license storage device at the time of playing contents as a precondition thereof (see abstract, figure 15, ¶¶ 0002-0023); and wherein said encryption processing unit executes mutual authentication processing with said license storage device for contents playing processing wherein said RHD check mode information takes connection with said license storage device at the time of playing contents as a precondition thereof (see abstract, figure 15, ¶¶ 0002-0023); and wherein said control unit performs contents playing processing with establishment of said authentication as a precondition thereof (see abstract, figures 1-15, ¶¶ 0002-0023).

**12.** Referring to claim 9, Taki further discloses wherein header information of a contents file received from said contents distribution server contains output control information of contents (see abstract, figure 15, ¶¶ 0002-0023); and wherein said control unit executes output control of contents following said output control information (see abstract, figure 15, ¶¶ 0002-0023).

**13.** Referring to claim 10, Taki further discloses wherein said rights information contains contents distribution server information or index server information of a server capable of providing streaming contents corresponding to said rights information (see abstract, figure 15, ¶¶ 0002-0023); and wherein said control unit is of a configuration for executing processing for deciding a connection destination based on said contents distribution server information or index server information (see abstract, figure 15, ¶¶ 0002-0023).

**14.** Referring to claim 11, Taki further discloses wherein said control unit is of a configuration for executing processing for transmitting, to a contents distribution server providing contents, specs information including data format information of data formats playable at the information processing device serving as a contents using device, along with said rights information (see abstract, figure 15, ¶¶ 0002-0023).

**15.** Referring to claim 12, Taki discloses the following:

- a) a storage unit for storing said use rights information associated with a user of the information processing device (see abstract, figure 15, ¶¶ 0002-0023);
- b) a communication unit for executing communication processing with a contents using device for playing or using contents (see abstract, figure 15, ¶¶ 0002-0023);
- c) an encryption processing unit for executing encryption processing including authentication processing in said communication processing via said communication unit (see abstract, figure 15, ¶¶ 0002-0023, 0091); and
- d) a control unit for executing output processing of contents-corresponding rights information via said communication unit with regard to said contents using device, with establishment of mutual authentication with said contents using device as a precondition thereof (see abstract, figures 1-15, ¶¶ 0002-0023).

**16.** Referring to claim 13, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said contents

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using device, and for executing processing for setting a tampering verification value to rights information to be output to said contents using device, applying a key generated in said key-sharing processing (see abstract, figure 15, ¶¶ 0002-0023).

**17.** Referring to claim 14, Taki further discloses wherein said encryption processing unit executes mutual authentication with a license purchasing device which receives rights information from a license server via a network (see abstract, figure 15, ¶¶ 0002-0023); and wherein said control unit executes input processing of contents-corresponding rights information via said communication unit, with establishment of said mutual authentication as a precondition thereof (see abstract, figure 15, ¶¶ 0002-0023).

**18.** Referring to claim 15, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said license purchasing device, and for executing verification processing for a tampering verification value attached to contents-corresponding rights information input from said license purchasing device via said communication unit, applying a key generated in said key-sharing processing (see abstract, figure 15, ¶¶ 0002-0023).

**19.** Referring to claim 16, Taki discloses the following:

a) a communication unit for receiving a contents use request from a contents using device, and transmitting the contents (see abstract, figure 15, ¶¶ 0002-0023);



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b) an encryption unit for executing encryption processing including legitimacy verification processing of contents-corresponding rights information received from said contents using device via said communication unit (see abstract, ¶¶ 0002-0023, 0091); and

c) control unit for executing output processing of a contents file via said communication unit to said contents using device, with establishment of verification of said rights information as a precondition thereof (see abstract, figures 1-15, ¶¶ 0002-0023).

**20.** Referring to claim 17, Taki further discloses wherein said rights information contains a valid information code serving as an identification code of validity management information of said rights information (see abstract, figure 15, ¶¶ 0002-0023); and wherein said control unit makes reference to a validity management table correlating validity information with said valid information code, and executes transmission processing of a contents file, with confirmation of the validity of the contents-corresponding rights information received from said contents using device as a precondition thereof (see abstract, ¶¶ 0002-0023).

**21.** Referring to claim 18, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said contents using device, and for executing processing for attaching a tampering verification value to said contents file being transmitted, applying a key generated in said key-sharing processing (see abstract, figure 15, ¶¶ 0002-0023).

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**22.** Referring to claim 19, Taki further discloses wherein said control unit executes processing for storing, in header information of a contents file to be transmitted to said contents using device, RHD check mode information setting whether or not to take connection with said license storage device at the time of playing contents as a precondition thereof (see abstract, figure 15, ¶¶ 0002-0009).

**23.** Referring to claim 20, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said contents using device, and for executing encryption of a contents encryption processing key to be stored in a contents file, applying a key generated in said key-sharing processing (see abstract ¶¶ 0002-0023).

**24.** Referring to claim 21, Taki discloses the following:

- a) a communication unit for executing communication processing with a requesting terminal requesting said rights information (see abstract, figure 15, ¶¶ 0002-0023);
- b) an encryption unit for executing encryption processing including signature generating processing with regard to rights information to be transmitted via said communication unit (see abstract, ¶¶ 0002-0023, 0091); and
- c) a control unit for generating rights information storing an identifier of a license storage device serving as a storage device for said rights information, said rights information being associated with a user of the license storage device, and executing output processing of said

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rights information, with establishment of said mutual authentication with said requesting terminal as a precondition thereof (see abstract, figures 1-15, ¶¶ 0002-0023).

**25.** Referring to claim 22, Taki further discloses wherein said encryption processing unit has a configuration for executing mutual authentication and key-sharing processing with said requesting terminal, and for executing processing for setting a tampering verification value to rights information to be output to said requesting terminal, applying a key generated in said key-sharing processing (see abstract, ¶¶ 0002-0023).

**26.** Referring to claim 23, Taki further discloses wherein said control unit executes processing for generating and transmitting rights information storing identification information of a contents distribution server or index server which distributes contents corresponding to said rights information (see abstract, figures 1-15, ¶¶ 0002-0023).

**27.** Referring to claim 24, Taki further discloses wherein said control unit generates rights information storing download type information containing permit/forbid information relating to cache processing permission of distribution contents (see abstract, ¶¶ 0002-0009).

**28.** Referring to claim 34, Taki further discloses wherein a digital signature is attached to the rights information by using a secret key of the license storage device (see abstract, figure 15, ¶¶ 0002-0009).

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**29.** Referring to claim 35, Taki further discloses wherein the rights information includes a time period when the information processing device can receive the streaming contents from the distribution server (see abstract, figure 15, ¶¶ 0002-0009).

**30.** Referring to claim 36, Taki further discloses wherein said rights information includes download-type information indicating whether or not the contents are streaming contents (see abstract, figure 15, ¶¶ 0002-0023).

### ***Response to Arguments***

**31.** Applicant's arguments filed on November 9, 2009 have been fully considered but they are not persuasive.

**32.** As per claims 1-4, 6-24 and 34-36, Applicant argues “Taki does not disclose a communication unit for executing communication processing with a license storage device storing rights information serving as usage rights information of contents associated with a user of the information processing device, and communication processing with a contents distribution server; an encryption processing unit for executing encryption processing including authentication processing in said communication processing; and a control unit for executing processing control for inputting rights information corresponding to contents from said license storage device, via said communication unit, transmitting said input rights information, which indicates rights to receive streaming contents, to said contents distribution server, and receiving streaming contents set corresponding to said transmission rights information from said contents distribution server and playing or using said streaming contents” (response pages 11-13).

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**33.** Taki teaches a communication unit for executing communication processing with a license storage device storing rights information serving as usage rights information of contents associated with a user of the information processing device, and communication processing with a contents distribution server (see abstract, figure 15, ¶¶ 0002-0009); an encryption processing unit for executing encryption processing including authentication processing in said communication processing (see abstract, figure 15, ¶¶ 0002-0009, 0091); and a control unit for executing processing control for inputting rights information corresponding to contents from said license storage device, via said communication unit, transmitting said input rights information, which indicates rights to receive streaming contents, to said contents distribution server, and receiving streaming contents set corresponding to said transmission rights information from said contents distribution server and playing or using said streaming contents (see abstract, figure 15, ¶¶ 0002-0023).

### ***Conclusion***

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be

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calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shahid Kamal whose telephone number is (571) 270-3272. The examiner can normally be reached on MONDAY through THURSDAY between the hours of 8:30 AM and 7 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew J. Fischer can be reached on (571) 272-6779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300 for Regular/After Final Actions and 571-273-6714 for Non-Official/Draft.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Pierre E. Elisca/

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Primary Examiner, Art Unit 3621